

17563208.w KIKAKIIGGCGFCIYIYEAIVQVN - HHEFVAIKVVESSKAT - KQVKEVMEAVVLRLRLOG - KKHAACKPFGCGRN - DRENLYLVMMLQCG - KNLADETRREPAKQC - ENEIATRAVQGIOILNGTREHHSI - CQLHHDVPRPSNFAMGRTSQIMMRVYMLDFECLARQVYNAKGE - IRSPPRGA
28502164.m KVVKKIGGGCFIYIYEAIVMLL - TRENVALVKVBSAQQP - KQVKEVMEAVVLKQKOG - DHVCRCFIGCRNEK - FNMVVMMLQCG - RNLADLRRSQPRGT - FTLETTTRLQKQILEDEIAEHSHV - CQLHHDVPRPSNFAMGRPLSP - RKCYMDFLDRQFNSCDV - RPPRPAV
18201865.m KVVKKIGGGCFIYIYEAIVDML - TRENVALVKVBSAQQP - KQVKEVMEAVVLKQKOG - DHVCRCFIGCRNEK - FNMVVMMLQCG - RNLADLRRSQPRGT - FTLETTTRLQKQILEDEIAEHSHV - CQLHHDVPRPSNFAMGRPLSP - RKCYMDFLDRQFNSCDV - RPPRPAV
31204307.a KVVKKIGGGCFIYIYEAIVDML - TRENVALVKVBSAQQP - KQVKEVMEAVVLKQKOG - KEHICRCFIGCRNDR - FNMVVMMLQCG - RNLADLRRSQPRGT - PSLTTTRLQIQLKIDESTHSV - CQLHHDVPRPSNFAMGRPLSP - RKCYMDFLDRQFNSCDV - RPPRPAV
TTBK2.k KVVKKIGGGCFIYIYEAIVDML - TRENVALVKVBSAQQP - KQVKEVMEAVVLKQKOG - DHVCRCFIGCRNDR - FNMVVMMLQCG - RNLADLRRSQPRGT - FTLETTTRLQKQILEDEIAEHSHV - CQLHHDVPRPSNFAMGRPLSP - RKCYMDFLDRQFNSCDV - RPPRPAV
TTBK1.h KVVKKIGGGCFIYIYEAIVDML - TRENVALVKVBSAQQP - KQVKEVMEAVVLKQKOG - DHVCRCFIGCRNDR - FNMVVMMLQCG - RNLADLRRSQPRGT - FTLETTTRLQKQILEDEIAEHSHV - CQLHHDVPRPSNFAMGRPLSP - RKCYMDFLDRQFNSCDV - RPPRPAV
17534577.w MTINEKIGEGCFIYIYEAIVTEKS - TGTFLVILKAELPGSP - SN - DRIE - LUTVRSYVPEVDKCV - FNQGKFLIMLCTD - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17562500.m PTVKDKRNLQEGCFIYIYEAIVVDD - AGAHLAKMELATEK - IPLEKLELYVMOKSMGKHMATD - HENPNYVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - MLOPRRK
17558800.w TIEKKIQAQCDFNIIYMCNGSNMS - NYKFAALKCBASAQSP - LQMEKVEAVLVLQTAKGSRHFCDELDIGK - FQCHIYVMMELQCG - RAEDYMTKTSMSGA - ISVNCASAVVQIOLLEADEDHN - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17540210.w SISIUKKLLQEGCCGVYVLLCTD - ATGKYAKVKECISEA - MQVKEVMEAVLVLQTCGKSRHFCDELDIGK - SENYVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17541944.w SISIUKKLLQEGCCGVYVLLCTD - ATGKYAKVKECISEA - MQVKEVMEAVLVLQTCGKSRHFCDELDIGK - SENYVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17543206.w SISIUKKLLQEGCCGVYVLLCTD - ATGKYAKVKECISEA - QIQVKEVMEAVLVLQTCGKSRHFCDELDIGK - GNFNIVVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17539102.w SISIUKKLLQEGCCGVYVLLCTD - ATGKYAKVKECISEA - QIQVKEVMEAVLVLQTCGKSRHFCDELDIGK - GNFNIVVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17538560.w VDIEKKLQEAFCVYVLLCTD - DKGFLFALKVKECKDEK - IPLEKLELYVMOKSMGKHMATD - HENPNYVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17544600.w VDIEKKLQEAFCVYVLLCTD - DKGFLFALKVKECKDEK - IPLEKLELYVMOKSMGKHMATD - HENPNYVMMELQCG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17505825.w KVVKAIQSDKCFNIIYVAEVQK - KKRMAAVKVRKTEAIK - MLQFELFVLLVEVKKNOKCFKFERGNEKE - YNAHAIILCQG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
17507113.w KVVKAIQSDKCFNIIYVAEVQK - KKRMAAVKVRKTEAIK - MLQFELFVLLVEVKKNOKCFKFERGNEKE - YNAHAIILCQG - KSLDDLTGALPG - NZ - CQLSTAIAGERHHVWS - KYLHDLRDKPNCFCVGCSK - DIRX - IFLVDFCMLSRVYQCDONV - IYOPRKR
25144988.w YEVKEPLATCFCGSIYKAKRES - DGKPFVAKVCPA - ENMKSSSLRQGSVPSPFTT - EePCT - VPNRFLVMMELQCG - ENFDLMMNINDKR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
25144991.w YEVKEPLATCFCGSIYKAKRES - DGKPFVAKVCPA - ENMKSSSLRQGSVPSPFTT - EePCT - VPNRFLVMMELQCG - ENFDLMMNINDKR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17510391.w YEVKEPLATCFCGSIYKAKRES - DGKPFVAKVCPA - ENMKSSSLRQGSVPSPFTT - EePCT - VPNRFLVMMELQCG - ENFDLMMNINDKR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17556390.w MELTSELOQSGSFCVVFVTSRK - DKRIFAMKCESVNMK - RAIDEHEAGVLLA - NHKSYPHPLEWVNDIGI - VNMNRLFVMMELQCG - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17538256.w YEVKEPLATCFCGSIYKAKRES - AAACRKALMDCNVLGA - KSRHFCVTLQD - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17540212.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17541946.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17534553.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17535985.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17507911.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17555064.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17538814.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17534269.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17537091.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17560712.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17553158.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
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17508981.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17554808.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17538598.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
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17536203.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17554224.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17511017.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17537925.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17551966.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17505308.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17531773.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17509541.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17532569.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17534405.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
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17505308.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
17544556.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
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17550409.w YEVKEPLATCFCGSIYKAKRES - DMEKAFAIKC - KNLWDRMDTAECR - FMSMAGHBLAEQH - CFIHHDLPKPNICLGRKDNEGLRKLDSKNQ - MRKPRDN
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24650417.f VRIGPSKTCVGFCEPIYAAACK--VGEKKNDAVVKCPHGNGLP FVEMHHFYLNRNAK LEDIKQFMQKHGLNGEKHREIVMPRYC SDITKPKLEQNGKR LPREGTVYRLAIQMLDVYDMHES GYVHADLKAANHLLC LEKGQGAAQALVLDEGLASHEBTVDG -FKPDPK
21357047.f VRIGPSKTCVGFCEPIYAAACK--VGEKKNDAVVKCPHGNGLP FVEMHHFYLNRNAK LEDIKQFMQKHGLNGEKHREIVMPRYC SDITKPKLEQNGKR LPREGTVYRLAIQMLDVYDMHES GYVHADLKAANHLLC LEKGQGAAQALVLDEGLASHEBTVDG -FKPDPK
31241399.a VKPGPSKCGAGFCPIEYACAYCTKHTWADYNNVKVKEPHNGFLFVE-T-HFYRKICKVWDIERYRKR KLDLQGMPYQYLAS-GFKHRELVPRFC ASQVWVYVNCNGNC LPEATVCRAMQMLDVELEIHNS QYVHADLKAANHLLC NGDGRERLYLWDFCGASREV E-DGKDFPDR
31201233.a VRICKPKICKSSEIFLAASDIVTESENAKYVVKIEPHSNGLP FVEMHHCLLNIAK PTETCILIPPGMPeENERYRFLLIKRKYQ RDHSIHLKKNR VNTSTSPVIAQACILDVLLELBHQ GYVHDSIKEANLICHTV-E-TDRKAASVLSNGSHQNGB-rgcMCDQR
19922076.f VRICKPKICKSSEIFLAASDIVTESENAKYVVKIEPHSNGLP FVEMHHCLLNIAK PTETCILIPPGMPeENERYRFLLIKRKYQ RDHSIHLKKNR VNTSTSPVIAQACILDVLLELBHQ GYVHDSIKEANLICHTV-E-TDRKAASVLSNGSHQNGB-rgcMCDQR
1753529.w FIVVKPKOFATGCFPIRHCTBEGG-KSMQVMVKIEPHSNGLP FVEMHHCLLNIAK NNDLSDAAASLGDRV-rgcMCDQR
21312468.m VALCKMKIGSCFGCFLIYLAFTPKN-PNKDAHRVHILYQENGFLFSE-LKFYQRAKRCGCIKQWIQR KLDLYLGIPVFYFGFR-YRPMVMERLG IDLQKIDONGG FKKTVLQGIRMLDVELEIHNS EYVHGDIAKANHLLDPTN-DRVYLAQDGSYCPNGNH-CQYQEDPR
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6755985.m KELLPKGQCGFCPIYIADTNS-VGSDAPCVVKEBPSDNGLFTE-LKFYQRAKRCGCIKQWIQR KLDLYLGIPVFYFGFR-YRPMVMERLG IDLQKISQGNTG FKKTVLQGIRMLDVELEIHNS EYVHGDIAKANHLLDPTN-DRVYLAQDGSYCPNGNH-CQYQEDPR
VRKL1.h KVBLPKIGQCGFCPIYIADTNS-VGSDAPCVVKEBPSDNGLFTE-LKFYQRAKRCGCIKQWIQR KLDLYLGIPVFYFGFR-YRPMVMERLG IDLQKISQGNTG FKKTVLQGIRMLDVELEIHNS EYVHGDIAKANHLLDPTN-DRVYLAQDGSYCPNGNH-CQYQEDPR
6675.t12.q YKLERKIKGCGFCPIYIADTNS-VGSDAPCVVKEBPSDNGLFTE-LKFYQRAKRCGCIKQWIQR KLDLYLGIPVFYFGFR-YRPMVMERLG IDLQKISQGNTG FKKTVLQGIRMLDVELEIHNS EYVHGDIAKANHLLDPTN-DRVYLAQDGSYCPNGNH-CQYQEDPR
2792.t15.q YKLERKIKGCGFCPIYIADTNS-VGSDAPCVVKEBPSDNGLFTE-LKFYQRAKRCGCIKQWIQR KLDLYLGIPVFYFGFR-YRPMVMERLG IDLQKISQGNTG FKKTVLQGIRMLDVELEIHNS EYVHGDIAKANHLLDPTN-DRVYLAQDGSYCPNGNH-CQYQEDPR
20160903.q YKVRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC NYGPPYIYGRVSGGADAALEVALKEPHRSKGC PSLWDVNNSVG-QAMSMEMVACIAVAFISILEMLHK GYVHGDVKENFLLCPDPTEGKLFVLVDELAHADAGTG-HVEYDQR
15231231.p YKVRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC NYGPPYIYGRVSGGADAALEVALKEPHRSKGC PSLWDVNNSVG-QAMSMEMVACIAVAFISILEMLHK GYVHGDVKENFLLCPDPTEGKLFVLVDELAHADAGTG-HVEYDQR
15238765.p YKTRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC NFGGPYIYGRVSGGADAALEVALKEPHRSKGC PSLWDVNNSVG-QAMSMEMVACIAVAFISILEMLHK GYVHGDVKENFLLCPDPTEGKLFVLVDELAHADAGTG-HVEYDQR
15228670.p YKTRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC NFGGPYIYGRVSGGADAALEVALKEPHRSKGC PSLWDVNNSVG-QAMSMEMVACIAVAFISILEMLHK GYVHGDVKENFLLCPDPTEGKLFVLVDELAHADAGTG-HVEYDQR
24581174.f IMVRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC OSHSISDSTYVNLURH-GMCIPMTYOFNRR HDLVMELLC PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
31212011.a YRVRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC RSLPDPHYKVAQIAAG-CBEGIPVYHLCQERG YNIVMDKLG PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
21356943.f YRVRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC RSLPDPHYKVAQIAAG-CBEGIPVYHLCQERG YNIVMDKLG PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
25485859.f YRVRKIKGCGFCPIYVYGRVSGGADAALEVALKEPHRSKGC TDGSEVAIKEKNDAK YPDLVPAKVEYDQAR-CPGPFPLILYGECKN PSLKTFNLCKR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
24641515.f YKVRKIKGCGFCPIYLGIXI HSGEPVAIKEVSSKVR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
24641588.f YRVRKIKGCGFCPIYLGMSI QSGEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
24641591.f YRVRKIKGCGFCPIYLGMSI QSGEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
17737335.f YRVRKIKGCGFCPIYLGMSI QSGEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
31203005.s YRVRKIKGCGFCPIYLGMSI NCEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
17551964.w YRVRKIKGCGFCPIYLGMSI NCEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
22165382.m YKLRKIKGCGFCPIYLGMSI NCEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
16758950.r CK1a.2.h YKLRKIKGCGFCPIYLGMSI NCEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
CK1a.h YKLRKIKGCGFCPIYLGMSI NCEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
CK1d.h YKLRKIKGCGFCPIYLGMSI NCEPVAIKEMSAIIAR PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
CK1e.h YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
1ck1.PDB YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
20531767.r YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
20544149.m YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
20544147.m YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
13928846.r YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
31542425.m YRVRKIKGCGFCPIYLGMSI SGEPVAIKEBCVTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
17864136.f YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
24651559.f YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
24651561.f YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
31220773.a YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
3256316.w FRLRKRKIGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
32566320.w FRLRKRKIGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
19114096.y YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
Hr25.v YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
19112552.y YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
32408769.o YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
AK110592.q YRVRKIKGCGFCPIYLGTTIN TGEPAVVAIKECIRT KHDPSKSYKQHQLGG-VGIPFIRYQGKED PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
20161061.q YRVRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15224781.p YRVRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
30687111.p YRVRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15236114.p YRVRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
2237902.p YRVRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15218569.p YRVRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
22329008.p YKLRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
22329010.p YKLRKIKGCGFCPIYLGTTIN VGTNEPAVVAIKENVKTKT PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
4965.t04.q YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
2755.t11.q FKLRKRKIGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15229427.p FKLRKRKIGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15236471.p FKLRKRKIGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15239840.p YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15219733.s YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
18417216.p YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
30678728.p YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
15240091.p YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
16418172.q YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
17510861.w YKLRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
31231013.w YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
28571749.f YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
28571746.f YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
24647391.f YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
28571751.f YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
28571747.f YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
6981046.r YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
27502357.m YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
12832123.r YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
19527224.m YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
12408306.r YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
CK1g3.h YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
CK1g2.b YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR
CK1g1.b YRVRKIKGCGFCPIYLGTTIN DTYEPAVVAIKESSKTN PSLDIFTMCNCR FSKTKVLMILADOMVORLELHBR-HYVWRDIKEFNLMSVGLTR-HRLLHDFCLSKRWDMDKEN-RVPCGR

24650417.f KMHNGTLEYNSRDAHLGCV P TTRADLEILCYNLTLWLGAEELPWVTKC -LLAVPPVQKAKEAF -MDNIGESLKLTLFPKGVPPPIGDFMKYVSKLTIN QEPDYD -KCRSwfssal
 21357047.f KMHNGTLEYNSRDAHLGCV P TTRADLEILCYNLTLWLGAEELPWVTKC -LLAVPPVQKAKEAF -MDNIGESLKLTLFPKGVPPPIGDFMKYVSKLTIN QEPDYD -KCRSwfssal
 31241399.a KKHNGTLEYNSRDAHLGCV M SRRDDLEALGHMFMYFLRG SLPKWQEDK -LLKDCNMQQMkeeg mgdvaqllkrsfrkHAAPVKVLQPFLEFVHGRN ETPKTY -ACTkifekal
 31201233.f RAHDGTLEYNSRDAHLGCA H ARRSDLECLQCNLYWNRG FLPKVKDKB -LLN -ETPCKY -GEFLAYgvnl
 19922076.f RAHDGTLEYNSRDAHLGCA H ARRSDLECLQCNLYWNRG YLPWKDVA QQQ QQEKEVIRAKELPMFTDVPMLRQFYIK QVPEVYL -GEFLAYgvnl
 17533529.w KGHNGTIEFNSRDAHLGCV N P SRRDDLEALGHMFMYFLRG SLPKWQEDK -SSPEKVEDAKQKFKIA GLPGLQNLQNVLKNESAVVCGIASMPDI5M -KTNYTD -kdginklkl
 21312468.m KGHNGTIEFNSRDAHLGCV VPP SRRDDLEALGHMFMYFLRG SLPKWQEDK -DDPVAVQTAKIN -LLDELPesvlkwapsgssCSELVYKLYMVHNLAY DDKPD -YQKLLKklnp
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 VRK1.h RCHDGTIEFNSRDAHLGCV VAP SRRDDLEALGHMFMYFLRG SLPKWQEDK -KDPVAVQTAK -IRYRENIA LMDKCPPE KNKPGEIAKYM
 6675.t12.q DVFFGTYRVYSAVHAGCR -TG GRRDDLESALMFLFLRG RLPWQOG -YQCDNNSFLVCKKKM eepDy -kls1fdgll
 2792.t15.q DIFRGTYRVYSAVHAGCR -TG GRRDDLESALMFLFLRG RLPWQOGF -GENKGFLVCKKK EEPYNA -KCIALFDgiv
 20160903.Q DIFRGTYRVYSAVHAGCR -TG GRRDDLESALMFLFLRG RLPWQOGY -GENKSFLVCKKKMA TSPDPL -CCFCPPFPL
 15231321.P PDMFRGTVYSAVHAGCR GRATGSRDDLESALMFLFLRG RLPWQOGY -GDNKSFPLVCKKKMA TSPDPLCCF -CPPFFKQ FLeVVNMKF
 15238765.P PDVERGTYRVYSAVHAGCR GRTG SRRDDLESALMFLFLRG RLPWQOGY -GDNKSFPLVCKKKMS TSPELMCCF -CPPFFKQ LFLeavtnmk
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 24581174.f TKWAGTARYSVAHAGCR C KVQ SRRDDLESVQVLYLFLRG SLPKWQEDK -PNSKLAQAEIMLEM
 31212011.R RSLVGTARYSVAHAGCR E SRRDDMESVQVLYLFLRG SLPKWQEDK -CvnkforNERIEMEK
 21356943.f RDLVGTARYSVAHAGCR O SRRDDMESVQVLYLFLRG SLPKWQEDK -AQScasQYVEKIAEYK
 24584859.f RNLVGTARYSVAHAGCR VEO SRRDDMESVQVLYLFLRG SLPKWQEDK -ANPQLQOCLMFLVYKVRLLPA EKPDYV -YLQOLFKvlvF
 24641515.f RSLVGTARYSVAHAGCR PS SRRDDMESVQVLYLFLRG SLPKWQEDK -ASTKQOYERIHEKK
 24641588.f KNLNGTARYSINAHGCI E SRRDDMESVQVLYLFLRG SLPKWQEDK -ANTKQOYERIISEKK
 24641591.f KNLNGTARYSINAHGCI E SRRDDMESVQVLYLFLRG SLPKWQEDK -ANTKQOYERIISEKK
 17737335.f KNLNGTARYSINAHGCI E SRRDDMESVQVLYLFLRG SLPKWQEDK -ANTKQOYERIISEKK
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 17551964.f KNLNGTARYSINAHGCI E SRRDDMESVQVLYLFLRG SLPKWQEDK -ATKkOYERIISEKK
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 16758950.f KNLNGTARYSINAHGCI E SRRDDMESVQVLYLFLRG SLPKWQEDK -AATKkOYERIISEKK
 CKL2.h KNLNGTARYSINAHGCI E SRRDDMESVQVLYLFLRG SLPKWQEDK -AMTKQOYERIISEKK
 CKL1.h KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG SLPKWQEDK -ATTKQOYERIISEKK
 CKL.e KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG SLPKWQEDK -ATTKQOYERIISEKK
 1ck1.PDB KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG SLPKWQEDK -YERIISEKK
 20531767.r KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG SLPKWQEDK -AATKQOYERIISEKK
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 13928846.r KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG SLPKWQEDK -AATKQOYERIISEKK
 31542425.m KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG SLPKWQEDK -AATKQOYERIISEKK
 17864136.f KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG ALPWPOLK -AANKQOYERIISEKK
 24651559.f KNLNGTARYSINAHGCI E SRRDDLESVQVLYLFLRG ALPWPOLK -AANKQOYERIISEKK
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 32405422.o KSLSGTARYMSINPHCR EO-SRRDDEALGHVFVYFLRG-GLPWQQLK -AATnKQHYEKIGEKK QTAIAKDLCEGFPPECQAFYLYTVRNLEBEE DDDYYD YL
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 19173049.K KSLIGTARYSIRTHQY EO-SRRDDLESVBCMYFLKG-RLPWQQLK -AKTqGEYDRIRESK ESISLYELCMOLKEIHSFCFVYRNLCYEDMNYAQLR TLSSD AL
 17505442.w -YWDELNDPA IPEQQ-DD POFEVYREMRKN -CKSNKKPSRRTNLMWIVYIAnz1hdtk icpkgl ltekrnrelk
 19114088.y IIISYNEENDPFLNFNV D-DYQEDIYRIMSRVYKGRWAQFFPITNL -WLHY LIHQLLHKKNLSSPLTETETLMRSRLKQIFRLID PVKT MOF
 7106329.m DGIVVFCIDIKEEDLFVGE QDY C0EIVLPRKCNKNCWQ YHFNVNL WLYHLTD KILNKKFKKURCSAAMKQIRKNLQFHTVLS FSSADL LCQHSDFR
 25146896.E TPLHILPFIAPELHNOLs EV-TECDCWLVKTTLIVLKG -PNKVILBLKK -LGNYIFGSQK KKKFY NQDMLNQDMK FLRN1knslg
 31044416.m NAMVGLSLSPELKTC KGPBASSDPLYMYCPLFNLWSVQ NQPEPEINE DGIIKVDQFHLDDNVKSLLCSL1YF PSSMT AEQVLN AECFl1kgk
 20820791.m NAMVGLSLSPELKTC KGPBASSDPLYMYCPLFNLWSVQ NQPEPEINE DGIIKVDQFHLDDNVKSLLCSL1YF PSSMT AEQVLN AECFl1kgk
 25141278.w SSAATQDMYCAPEQOMQ EO-SEKIDINGCFCLTQ-EEFAIG PNLIEVYN GLSSYEEITVEPIDG PESLAVLILSNCLRRQPSARWNADQ EQS DYL Rdlpeprqs
 Isr1.y TDLNLTVEYCAPELDS S-SDHPV TFEPELWAVLCLLSPFISQ -HEPYNPLQ GIGSSSIQSQNLINALLKKD TNLN MLRND LF
 25146939.w HMSKDIENYNECLLKV YY YYSSSVCVITCMLVQ M-CD YGRIYPIQIPENCPK SCNDVL -STVLKhndhd
 31203165.E SFPIQNVRYAPEVLLCSR A-NAKSDVW-SLCLVLAELAIG CTLL E-BLK LSQIVRLVLSLVNTQ HAVEFKIAREHNRNLEVYEMADAGLRLRICECLTS PRRRLAK EAEDL LAGdgvqel
 32411591.o TEYIRGTQYAPELWDTS ENY-PAVYDVAALCAGCMLVQ CMLTG APPFHED DMLEYCAKMRDF RLSE ISE VI
 Ykl117w1.y SKYI SPFLYVYAPELSDARRS -IVSPL -PAVYDVAALCAGCMLVQ CMLTG KLPFNEF EPR1L-SLICKVGFDR FSLAQVQckfdrkhnegttgGLYDVTIGCLT IDLDPKPK LKRFEE VL
 24645278.f DTSSRRTQYIAPERFVKTASD TLL- FAMPDIFSEAGCALLELTSEG TAPELSD -LLAYRGERDLV -EKHLACIENERLRNLASMDIHSSN KR-AED YLDqergqlf
 31203055.a DTSSRRTQYIAPERFVRTSSGE GCL-LPEDIISIASCALLELTSEGTAPELSD -LLAYRGERDLV -DGIEBENRILQVSEMSLPSD RDKGSAE LYDDee rglkifpefy
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 17537975.w ATEYDeklrggJewlf1G SL-TEKIDMMSACGIVELLNG RPPFTYS LCEYRSMNDAAGNM LLRRIODVPAVYRPLRLLDNRNPFS FRISANAVLGAAL KFPFHL Esflfkyl dr
 32412001.t DTSGRRTQYIAPERFVFLPGDpd -pnaR -PAVYDVAALCAGCMLVQ CMLTG RPPFTYS OLYKTYRREY
 Vsp15.y DTSKRTQYIAPERFNSKLYQdg -nngR -PAVYDVAALCAGCMLVQ CMLTG RPPFTYS QLFYKNSYDV -NREFLMEEMNSTDLRNLVLDIMQLDPSKRSAD -CDELLNK YR
 19112080.y VCNIAPPFVPAVQAP- L- SPANDIISLCLQVLLQFAP- QLFYKNSYDV -HGSYDLQSVLEQIEBDKSTQNMILDRDFPSKRSAD AYLQ -KYR
 17511025.w LPQDLDFLAIEENLAPGOT -TV -TSAADVPSLCLLQWVIAQK GKRILIDK SNLETYHIVVGQQLDA -ALQCIANEGLPNKDKSMAVK LSLIVE VPrptvqlsl
 32407018.o RTVQMNLDYQSPFVLD -NNL -TSSADMGSCLCCLCQSYLNS -PHRSPLC NSSLSayKRHQSQQ -GVPSSTINYLCSELPLKQKELANHVLRLTRRAUTMATAK EFQOSE YF
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 19112614.y SSLQNSDFDPEAYITH ETIA -GEPESDVSEFOLKISIFNQNQSIINANN HLLSYEIEITSN -NSPTFIESLNKSPENLKSLLKETLAVD KQRASME LEERSP -YF
 24662063.f KMAOPNLDFIKAPETQSTSK C -SLLSDMSLCLVIICAVENNN -GRPLIQAG -NSTSnyeKQMETLDD -LVIHKLMPRLPQCEATRSMASRDT ARPTAO LLQIKYFm
 31230062.a KIPPSLEYDQPEKNDASKIKT T -KCSSLDMNGCCLCIVWESFNE -PLXTRG -HL KNERIPKSLAPLYCLEVGLATEPANRP NPADVI TICRKPGggf
 21104777.q EWLVLTQYKPMELKSDW -VSIRK -SPFAIDS WGLGCLIYELFSGAKL -RTEDLRNATSKS LLDLQY RELLSSAPSRR
 31198211.a SRLIGSKWTAPELLEN T -TCLLYTIYT -RENIPSD -ASSDLYsYKQSVKMLsVNQ -ARPTLO SLQTCISYFCd
 21358011.f vlaCgSEYIPEPALINS VN -T-EDSDLSCLCIVLTIYAG KPLKMFgs dyssfrtYANDLNQ -SNQGPPLKLTIVPESLRSEVKMMSVNQ -RKYPPMNAVPSLLESKTLKHPSAN LRPKLNH EJKOIAFVQd
 28500275.m SLCLPNPEYIPEAYILS VSC -ETA-SDMSLCLCIVMFAVFNQ -GRPIFPEVN KQDPIYKSF R QLDQSLRGSSSLTSIPEEVREHVKLNNVTPITVR PDADQ MTKIPFFDdv
 4369.t09.y TKGGGSQYIPEVLLTG TF -SDKSDVW-SLCLVLLII -ELITQG -TKVNSACF fqqgrslnltQlwdaqrYKDLVDR -SLISAGENIEADVLIXRVQAMALLCVQAN E HRNID KIVAMLY
 8353.t73.q TRVAGTQYIPEAYASSG ND -TEKSDVW-SYVLLMELITQG -RPPVdts TYMDDSLlvdwarpL -LMOQALENGNYEELVDPD RIKGD FNPEM ARMIACAAAC
 8353.t74.q TRVAGTQYIPEAYASSG ND -TEKSDVW-SYVLLMELITQG -RPPVdts TYMDDSLlvdwarpL -LMOQALENGNYEELVDPD RIKGD FNPEM ARMIACAAAC
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 8351.t37.q MGFFGTIGYIPEYGAQ MV -SPHEDIMSYCLVEMITQG -RPPDNTC EBGQFSLURKCVEMAL NNRAMDILDVELVTELEN APPATS MDGPSEVRNs
 8352.t20.q VGFGCTIGYIPEYGAQ C -STA-CDVW-SFCLLMEITA -KRPDPTOF GSDLSLHKKYDSAF INTIGEVLDPEHMPREDEKVWIDLWmgs filpmieigllcsk pEKEISIIDPALLIVQEYDITLClssvilevgsck espDr -pgmrrevcaki
 8350.t55.f VGIKIGTIGYIPEYGAQ CA -SVQEDASLTFSLTIIEMTFQ -KAPTDNF REGTLLHAEMLT -PEKISEIIDPALLIVQEYDITLClssvilevgsck enper -mdmkhaakl
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 31560052.m -GLPE -DQGVDFWVSLNLLII -BOWFQR -ETSRMGH -VPAIMDDGSDDM -TAEFAFLKSYCASTQKSSPVLK KLDPRV LRGRKRSMVg
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 24658661.f HATEGDSRHYIPELQCH F -FCKAADIISLCLGIA -ELACYMDLPSNGLP -WHELRCI LPEEFINKISLELQSVIKSMKPDPA QRPTAE -QLLShpKLQy
 32406106.o VEGETGDRYIPELQCH Y -DPAIDIALCHII -EIACNVLPDNGPT -WQALRNQDLTvvpsl tssdggrsELQEPPEPRFMDADPHSLSDSVVRWMIQPEPANRPTAE ALLKVE -SV
 7382.t29.q AIEEDGDRYIPELQCH Y -DLPWQDPLSCLP -AELIYELIRGQPDGSGF -FTSLREGKIA LLPGCP MQFQSLIKFM
 21070390.q FVVEGDCGYLPKEILHED YEN -LEKADISIISLCLLQTEAAGG -GPLPKNG -PEWH -NLRDGKVPILPSLSDRFNELIAQMMH PYDKR -PTSOISISHp
 31226449.a QVEEGDCGYLPNEILQED YEN -LAKEADISIISLCLLQTEAAGG -GPLPKNG -TGWHQIC KRPtST -TIFNHPVLSp
 31543956.m VVEEGDCGYLPNEILQED YEN -SHLPRADISALGALVYCAAGA -EPLPRNG -EWHEHIRQGRLPR IPQVLISQEVTLRVMHDPERRPSAM ELVKHES VELSAsksa
 Weel.h KVEEGDCGYLPNEILQED EDYRHLRKEADISALGALVYCAAGA -ESLFTNG -AAWHHIREKGNF PDVVPQELSES FSSLLKNMQ -PDAECP -SAAALARNTVL
 Weel.h QVEEGDCGYLPNEILQED ENYTHLKEADISALGALVYCAAGA -EPLPRNG DQWIEIPOGRL PRIPQVLSQF FTLELLKVMH PDPERP -SAMALVKHISVL